

1 **In the Claims**

2 Please cancel claims 12-25 and 42-60 without prejudice.

3 No claims have been amended.

4 Claims 1-11 and 26-41 are pending and are listed following:

5 1. **(original)** A method, comprising:

6 generating an image of an operating system with a host computing device;

7 communicating the image of the operating system to a software

8 development peripheral;

9 executing the operating system corresponding to the image with the
10 software development peripheral;

11 communicating information generated by the operating system to the host
12 computing device; and

13 displaying the information generated by the operating system with the host
14 computing device.

15 2. **(original)** A method as recited in claim 1, further comprising
16 recognizing a configuration identification of the software development peripheral
17 with a cross-platform development component of the host computing device.

18 3. **(original)** A method as recited in claim 1, wherein generating
19 includes generating the image of the operating system with a cross-platform
20 development component of the host computing device.

1 4. (original) A method as recited in claim 1, further comprising
2 recognizing a configuration identification of the software development peripheral
3 with a cross-platform development component of the host computing device, and
4 wherein generating includes generating the image of the operating system with the
5 cross-platform development component, the image of the operating system
6 corresponding to the configuration identification of the software development
7 peripheral.

8
9 5. (original) A method as recited in claim 1, further comprising
10 debugging the information generated by the operating system with a cross-
11 platform development component of the host computing device.

12
13 6. (original) A method as recited in claim 1, further comprising
14 connecting the software development peripheral to a network via a network
15 communication driver of the host computing device, the network communication
16 driver communicatively linked with the network and with a virtual network
17 communication driver of the software development peripheral.

18
19 7. (original) A method as recited in claim 1, wherein
20 communicating includes communicating the information generated by the
21 operating system to the host computing device via a debug transport.

1 **8. (original)** A method as recited in claim 1, wherein
2 communicating includes communicating the information generated by the
3 operating system to the host computing device with a virtual device driver of the
4 software development peripheral.

5
6 **9. (original)** A method as recited in claim 1, wherein
7 communicating includes communicating image data generated by the operating
8 system to a virtual input/output system of the host computing device with a virtual
9 device driver of the software development peripheral.

10
11 **10. (original)** A method as recited in claim 1, further comprising
12 receiving a keyboard input with the software development peripheral from a
13 virtual input/output system of the host computing device, the keyboard input
14 generated with a keyboard connected to the host computing device.

15
16 **11. (original)** A method as recited in claim 1, further comprising
17 receiving a pointing device input with the software development peripheral from a
18 virtual input/output system of the host computing device, the pointing device input
19 generated with a pointing device connected to the host computing device.

20
21 **12-25. (canceled)**

1 **26. (original)** A system, comprising:

2 a host computing device configured to generate an image of an operating
3 system; and

4 a software development peripheral configured to:

5 receive the image of the operating system from the host computing
6 device;

7 execute the operating system corresponding to the image; and

8 communicate information generated by the operating system to the host
9 computing device for display.

10 **27. (original)** A system as recited in claim 26, wherein the host
11 computing device includes a first type of processor to generate the image of the
12 operating system, and wherein the software development peripheral is configured
13 to execute the operating system on a second type of processor, the second type of
14 processor being different than the first type of processor.

16 **28. (original)** A system as recited in claim 26, wherein the host
17 computing device is further configured to recognize the software development
18 peripheral as a plug and play device when the software development peripheral is
19 communicatively linked with the host computing device.

1 **29. (original)** A system as recited in claim 26, wherein the host
2 computing device includes a cross-platform development component configured to
3 recognize a configuration identification of the software development peripheral
4 when the software development peripheral is communicatively linked with the
5 host computing device.

6

7 **30. (original)** A system as recited in claim 26, wherein the host
8 computing device includes a cross-platform development component configured to
9 generate the image of the operating system.

10

11 **31. (original)** A system as recited in claim 26, wherein the host
12 computing device includes a cross-platform development component configured to
13 recognize a configuration identification of the software development peripheral
14 when the software development peripheral is communicatively linked with the
15 host computing device, and wherein the cross-platform development component is
16 further configured to generate the image of the operating system corresponding to
17 the configuration identification of the software development peripheral.

18

19 **32. (original)** A system as recited in claim 26, wherein the host
20 computing device includes a cross-platform development component configured to
21 debug the information generated by the operating system.

1 **33. (original)** A system as recited in claim 26, wherein the host
2 computing device and the software development peripheral are communicatively
3 linked via a debug transport.

4

5 **34. (original)** A system as recited in claim 26, wherein the host
6 computing device and the software development peripheral are communicatively
7 linked via a universal serial bus connection.

8

9 **35. (original)** A system as recited in claim 26, wherein the software
10 development peripheral includes a virtual device driver configured to route the
11 information generated by the operating system to the host computing device, and
12 wherein the host computing device includes a virtual input/output system
13 configured to receive the information generated by the operating system.

14

15 **36. (original)** A system as recited in claim 26, wherein the host
16 computing device includes a virtual input/output system configured to receive the
17 information generated by the operating system and route the information to a
18 display device.

19

20 **37. (original)** A system as recited in claim 26, wherein the software
21 development peripheral is further configured to communicate image data
22 generated by the operating system to the host computing device via a virtual
23 display device driver.

1 **38. (original)** A system as recited in claim 26, wherein the software
2 development peripheral is further configured to communicate image data
3 generated by the operating system to the host computing device via a virtual
4 display device driver, and wherein the host computing device includes a virtual
5 input/output system configured to receive the image data and route the image data
6 to a display device.

7
8 **39. (original)** A system as recited in claim 26, wherein the software
9 development peripheral is further configured to connect to a network via a
10 network communication driver of the host computing device, the network
11 communication driver communicatively linked with the network and with a virtual
12 network communication driver of the software development peripheral.

13
14 **40. (original)** A system as recited in claim 26, wherein the host
15 computing device includes a virtual input/output system configured to route a
16 keyboard input to the software development peripheral.

17
18 **41. (original)** A system as recited in claim 26, wherein the host
19 computing device includes a virtual input/output system configured to route a
20 pointing device input to the software development peripheral.

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22 **42-60. (canceled)**
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